

CLAIM AMENDMENTS

Please amend the claims as follows in accordance with the Revised Format of Amendments under 37 C.F.R. § 1.121.

1. (currently amended) In a system for creating documents from processed data, an apparatus for forming processed data comprising:

- a) a data storage device for storing the processed data;
- b) a form engine connected to said data storage device for formatting the processed data in said data storage device in accordance with predetermined high level rules wherein said predetermined high level rules are applied eventy until met or a maximum of permitted change is reached and wherein said predetermined high level rules include a fail safe rule that ensures a guaranteed output when all said predetermined rules can not be met; and
- c) an output device connected to said form engine for outputting formatted data created from said form engine.

2. (original) The apparatus of Claim 1 wherein said predetermined high level rules use loose value tradeoffs for formatting processed data.

3. (original) The apparatus of Claim 2 wherein said loose value tradeoffs are selected from a group including: fit all data on one page; cleanly define text columns; bold face first line of new text; and shrink photos proportionally with text.

4. (original) The apparatus of Claim 2 further comprising sublevels of loose value tradeoffs.

5. (original) The apparatus of Claim 3 wherein loose value tradeoff -fit all data on one page- further includes sublevel loose value trade offs: reduce font, shrink photos and graphics proportional with font, reduce length of some data fields, and shrink margin.

- 1 6. (original) The apparatus of Claim 1 wherein the output device is a printer.
- 2 7.(currently amended) In a system for creating documents from processed data,
3 an apparatus for forming processed data comprising:
- 4 a) a data storage means for storing processed data;
- 5 b) a form engine means connected to said data storage means, for
6 formatting the processed data in accordance with predetermined
7 high level rules using loose value tradeoffs wherein said
8 predetermined high level rules are applied evenly until met or a
9 maximum of permitted change is reached and wherein said
10 predetermined high level rules include a fail safe rule that ensures a
11 guaranteed output when all said predetermined rules can not be
12 met; and
- 13 c) an output means connected to said form engine means for
14 outputting formatted documents from said form engine means.
- 1 8. (original) The apparatus of Claim 7 wherein said loose value tradeoffs are
2 selected from a group including: fit all data on one page; cleanly define
3 text columns; bold face first line of new text; and shrink photos
4 proportionally with text.
- 1 9. (original) The apparatus of Claim 7 further comprising sublevels of loose
2 value tradeoffs.
- 1 10.(original) The apparatus of Claim 8 wherein loose value tradeoff -fit all data on
2 one page- further includes sublevel loose value tradeoffs: reduce font,
3 shrink photos and graphics proportional with font, reduce length of some
4 data fields, and shrink margin.
- 1 11.(currently amended) In a system for creating documents from processed data,
2 a method of forming processed data comprising the steps of:
- 3 a) providing a data storage device for storing processed data;

- 1 b) adding processed data to said data storage device;
2 c) connecting a form engine to said data storage device and formatting
3 the processed data in accordance with predetermined high level
4 rules wherein said predetermined high level rules are applied evenly
5 until met or a maximum of permitted change is reached and wherein
6 said predetermined high level rules include a fail safe rule that is
7 applied to ensure a guaranteed output when all said predetermined
8 rules can not be met ; and
9 d) connecting an output device to the form engine and outputting
10 formatted data from said form engine.

1 12. (original) The method of Claim 11 wherein the predetermined high level rules
2 use loose value tradeoffs for formatting processed data.

1 13.(original) The method of Claim 12 further comprising the step of selecting said
2 loose value tradeoffs from a group including: fit all data on one page;
3 cleanly define text columns; bold face first line of new text; and shrink
4 photos proportionally with text.

1 14. (original) The method of Claim 12 further comprising the step of adding
2 sublevels of said loose value tradeoffs.

1 15.(original) The method of Claim 14 further comprising the step of adding
2 sublevel loose value tradeoffs: reduce font, shrink photos and graphics
3 proportional with font, reduce length of some data fields, and shrink
4 margins.

1 16.(currently amended) In a system for creating documents from processed data,
2 computer code recorded on a computer readable medium for forming processed
3 data comprising:
4 a) computer code for a data storage system for storing processed data;

- 1 b) computer code for a form engine linked to said data storage system
2 for formatting the processed data in accordance with predetermined
3 high level rules wherein said predetermined high level rules are
4 applied evenly until met or a maximum of permitted change is
5 reached and wherein said predetermined high level rules include a
6 fail safe rule that ensures a guaranteed output when all said
7 predetermined rules can not be met; and
8 c) computer code for an output system linked to said form engine for
9 outputting formatted data created from said form engine processing.

1 17.(original) The invention of Claim 16 wherein said predetermined rules further
2 comprise computer code for using loose value tradeoffs for formatting
3 processed data.

1 18. (original) The invention of Claim 17 wherein said computer code for using
2 loose value tradeoffs is selected from a group of computer codes
3 including: fit all data on one page; cleanly define text columns; bold face
4 first line of new text; and shrink photos proportionally with text.

1 19. (original) The invention of Claim 17 further comprising computer code for
2 sublevels of loose value tradeoffs.

1 20. (original) The invention of Claim 18 wherein said computer code for- fit all
2 data on one page- further comprises computer code for sublevel loose
3 value tradeoffs: reduce font, shrink photos and graphics proportional with
4 font, reduce length of some data fields, and shrink margin.